

# LAND RECLAMATION COMMISSION

STATE OF MISSOURI

P.O. BOX 176

JEFFERSON CITY, MISSOURI 65102

573-751-4041

## Permit To Engage in Surface Mining

LAND RECLAMATION COMMISSION

ISSUES TO

MADISON COUNTY WOOD PRODUCTS, INC.

Pursuant to "The Land Reclamation Act," RSMo, 2001, and on conformity with the statements

In the application, a permit is hereby granted to engage in surface mining of  
sand & gravel in the state of Missouri. The extent of the

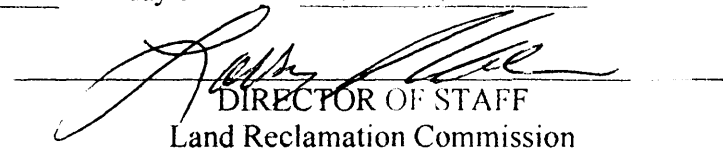
Proposed mining operation(s) will be on three acres, more or less.

The locations of the operation(s) under this permit is/are as follows: Renewal

County	Section	Township	Range	Acres Renewed	Acres New	Total Acres	Site/Stream Name	Site Number
Madison	13	31N	05E	2	0	2	Twelve Mile Creek	1709
Madison	02	31N	07E	1	0	1	Shetley Creek	1840

This permit may be suspended or revoked upon violation of any or all of the conditions set forth in "The Land Reclamation Act," RSMo. 2001, or in such rules and regulations as are promulgated pursuant thereto by the Land Reclamation Commission.

IN WITNESS WHEREOF I have hereunto set my hand this 18<sup>th</sup> day of November, 2004

  
DIRECTOR OF STAFF  
Land Reclamation Commission

Permit No. 0864  
Effective Date 12/12/2004  
Expiration Date 12/11/2005

MO 780-1122 (6-95)

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MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION

PERMIT RENEWAL FOR INDUSTRIAL MINERAL MINES

MISSOURI LAND RECLAMATION COMMISSION  
P.O. BOX 176  
JEFFERSON CITY, MO 65102-0176

NAME OF CORPORATION, COMPANY, PARTNERSHIP OR INDIVIDUAL <b>MADISON County Wood Products Inc</b>		DATE <b>11-8-04</b>	
ADDRESS <b>4597 Hwy C</b>	CITY <b>FREDERICKTOWN</b>	STATE <b>MO</b>	ZIP CODE <b>63645</b>
CONTACT PERSON <b>Douglas GAINES</b>		TELEPHONE NUMBER <b>573 783 6542</b>	

FEES: COMPLETE SECTION I OR SECTION II

SECTION I. Fees: Open pit operators and those mining more than 5,000 tons of sand and/or gravel:

1. To compute the site fee complete the information below:

SITE NAME OR NUMBER (add a separate sheet for additional sites)	Mark each month that the site will be operated during the permit year	For sites operated less than six months per permit year pay \$150 For sites operated six months or more per permit year pay \$300
1.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
2.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
3.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
4.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
5.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
6.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
7.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
8.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
9.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
10.	Jan, Feb, Mar, Apr, May, Jun, Jul, Aug, Sep, Oct, Nov, Dec	\$
TOTAL SITE FEE		\$

2. Acreage Fee \$5 X \_\_\_\_\_ number of acres bonded .....\$

3. Annual Permit Fee.....\$ 500

4. Total Fee (Add totals from 1, 2 and 3).....\$

NOTE: If Total Fee exceeds \$2,500.00 then pay only .....\$ 2,500

SECTION II. FEES: Sand or gravel operators mining less than 5,000 tons per year:

1. Annual Permit Fee.....\$ 300 ✓

SIGNATURE OF APPLICANT <i>[Signature]</i> V.P.		TITLE <b>VICE PRESIDENT</b>	DATE <b>11-8-04</b>
Appeared before me this <u>8th</u> day of <u>November</u> , 20 <u>04</u> , <u>Douglas GAINES</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <b>MISSOURI</b>	COUNTY (OR CITY OF ST. LOUIS) <b>MADISON</b>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <b>8th</b> DAY OF <b>November</b> YEAR <b>2004</b>		
	NOTARY PUBLIC SIGNATURE <i>Jacqueline C. Duffer</i>	MY COMMISSION EXPIRES <b>02/08/2007</b>	USE RUBBER STAMP IN CLEAR AREA BELOW. <b>JACQUELINE C. DUFFER</b> Notary Public - Notary Seal State of Missouri County of Madison My Commission Exp. 02/08/2007
NOTARY PUBLIC NAME (TYPED OR PRINTED) <b>JACQUELINE C. DUFFER</b>			
FOR DEPARTMENT USE ONLY: APPROVED BY <i>[Signature]</i>	DATE APPROVED <b>11/16/04</b>	PERMIT NUMBER <b>0864</b>	EXPIRATION DATE <b>12/11/05</b>



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
**SITE INFORMATION FORM**

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <i>TWELVE MILE CREEK</i>		PERMIT NUMBER
COMPANY NAME <i>MADISON COUNTY WOOD PRODUCTS INC.</i>		
COUNTY <i>MADISON</i>	1/4 SECTION <i>SW 1/4</i>	SECTION <i>13</i>
TOWNSHIP <i>31N</i>	RANGE <i>05E</i>	ACRES <i>2</i>
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <i>TWELVE MILE</i>		
MINERAL COMMODITY <i>SAND &amp; GRAVEL</i>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <i>LESS THAN 5000 TONS</i>

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <i>LEE WHITE</i>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT <i>11-5-00</i> <i>PG 44/15E 12-13-00</i>
<input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE)		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): _____		DATE OF AGREEMENT
<input type="checkbox"/> LEASE <input type="checkbox"/> VERBAL AGREEMENT		

**NOTE:** Each site must be shown on a map and be included in a public notice and an approved mine plan.



MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION

**STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3**

(Required for in-stream sites, or as required by the Director)

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TYPE OF PLAN  
(CHECK ONE):

☐ SHORT TERM, FOR ONE PERMIT YEAR

☒ LONG TERM, FOR PERIOD THROUGH DATE: 2050

Company Name: PRODUCTS INC.

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

THE AREA TO BE MINED INVOLVED 500 FEET ALONG  
A STRETCH OF TWELVE MILE CREEK WEST OF  
ROUTE C. THIS STRETCH OF CREEK IS BORDERED BY  
BOTTOM LAND TIMBER. THE BANKS ARE FAIRLY WELL  
VEGETATED IN MOST PLACES BUT SHEAR AND RAW  
IN SOME AREAS. WATER QUALITY IN CREEK IS GOOD  
TO EXCELLANT.  
COUNTY ROAD DISTRICTS, LAND OWNER AND OTHER  
PEOPLE HAVE BEEN MINING IN THIS SITE FOR  
LAST 20 YEARS. M.C.W.P. INC. IS NOT RESPONSIBLE FOR GRAVEL PUSHED  
ALONG STREAM BANK

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

EXCAVATIONS BETWEEN THE STREAM BANKS WILL  
BE MANAGED SUCH THAT WATER FLOW IS NOT  
REDIRECTED TOWARD THE STREAM BANKS. A TEN  
FOOT WIDTH OF GRAVEL WILL BE LEFT UNDISTURBED  
BETWEEN THE OPERATION AND STREAM BANK  
VEGETATION.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS  
ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

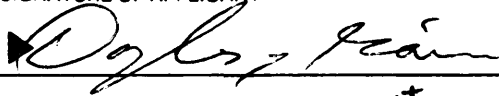
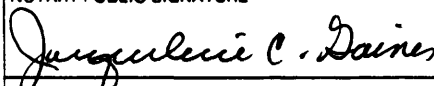

GRAVEL REMOVAL WILL BE RESTRICTED TO THE EXPOSED  
PORTIONS OF GRAVEL (GRAVEL BARS). WE WILL SHAVE  
THE TOPS OF THE GRAVEL BARS TO A DEPTH NO DEEPER  
THAN THE NORMAL WATER LEVEL. THIS WILL AVOID  
CAUSING EROSION OF THE STREAM BANK AND CHANNEL  
AT THE MINING SITE AND UPSTREAM (HEADCUTTING.)

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

GRAVEL REMOVAL WILL BE RESTRICTED TO PERIODS OF LOW FLOW. A TEN FOOT STRIP OF GRAVEL WILL BE LEFT UNDISTURBED BETWEEN THE EXCAVATION AND THE STREAMSIDE VEGETATION. A BUFFER STRIP WILL ALSO BE LEFT BETWEEN THE EXCAVATION AND THE FLOWING PORTION OF THE STREAM.

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

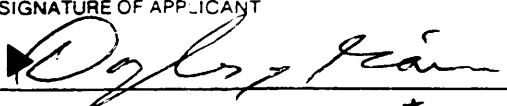
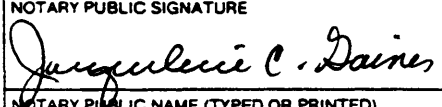

SIGNATURE OF APPLICANT 		TITLE V. P.	DATE 11-1-00
Appeared before me this <u>1<sup>st</sup></u> day of <u>NOVEMBER</u> , <u>2000</u> . <u>DOUGLAS J. GAINES</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>MISSOURI</u>		COUNTY (OR CITY OF ST. LOUIS) <u>MADISON</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>1<sup>st</sup></u> DAY OF <u>NOVEMBER</u> <u>2000</u>		USE RUBBER STAMP IN CLEAR AREA BELOW.
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES <u>02/08/2003</u>	JACQUELINE C. GAINES Notary Public - State of Missouri County of Madison My Commission Expires 02/08/2003
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>JACQUELINE C. GAINES</u>		
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		TITLE LRS III	DATE APPROVED 11-13-00

DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

GRAVEL REMOVAL WILL BE RESTRICTED TO PERIODS OF LOW FLOW. A TEN FOOT STRIP OF GRAVEL WILL BE LEFT UNDISTURBED BETWEEN THE EXCAVATION AND THE STREAMSIDE VEGETATION. A BUFFER STRIP WILL ALSO BE LEFT BETWEEN THE EXCAVATION AND THE FLOWING PORTION OF THE STREAM.

By my signature, I attest to the following:

- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 		TITLE V. P.	DATE 11-1-00
Appeared before me this <u>1<sup>st</sup></u> day of <u>NOVEMBER</u> , <u>2000</u> . <u>DOUGLAS J. GAINES</u> to me personally known, who executed the above as their free acts and deeds.			
NOTARY PUBLIC EMBOSSEER SEAL	STATE OF <u>MISSOURI</u>	COUNTY (OR CITY OF ST. LOUIS) <u>MADISON</u>	
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>1<sup>st</sup></u> DAY OF <u>NOVEMBER</u> , <u>2000</u>		
	USE RUBBER STAMP IN CLEAR AREA BELOW.		
NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES <u>02/08/2003</u>	JACQUELINE C. GAINES Notary Public - State of Missouri County of Madison My Commission Expires 02/08/2003	
NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>JACQUELINE C. GAINES</u>			
APPROVED BY (DIRECTOR'S REPRESENTATIVE) 		TITLE LRS III	DATE APPROVED 11-13-00

S-13  
TWELVENTH  
CREEK

STEVE 297-5937  
CHILTON

MEMBER F.D.I.C.

2 ACRES

# New Era Bank

783 - 3836

❖ **FREDERICKTOWN** ❖

### 3 Convenient Locations to Serve All Your Banking Needs

Doug <sup>3</sup>GAMES

MAIN BANK

101 S. Mine La Motte

8:00 AM  
WED

**FACILITY**  
West Main & Wood

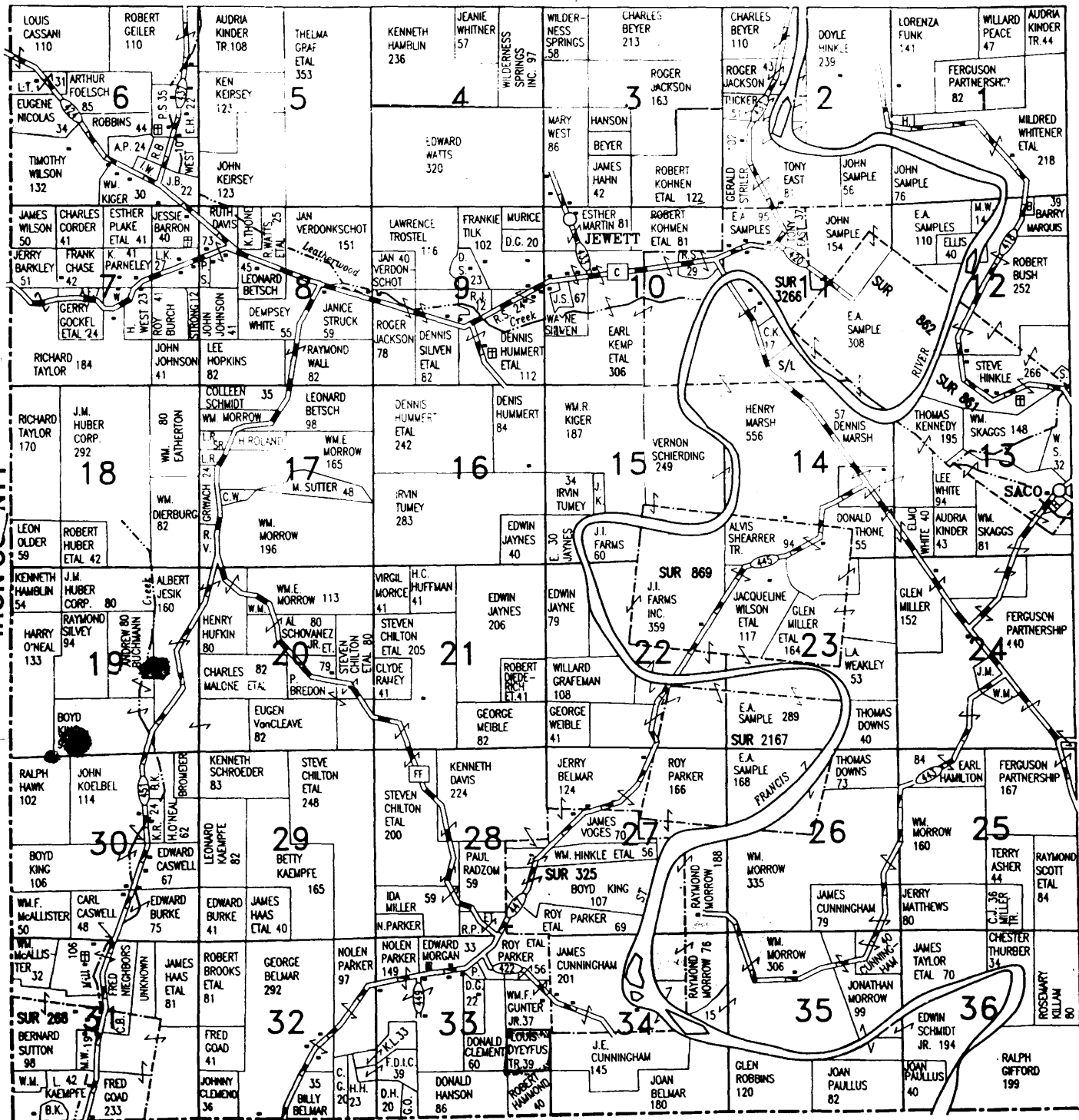
FACILITY

Junction 00 & 72

NOV 02 1964

TOWNSHIP 31N • RANGE 5E

**SEE PAGE 17**



SEE PAGE 22

© 1992 Miller Management Services, Inc.

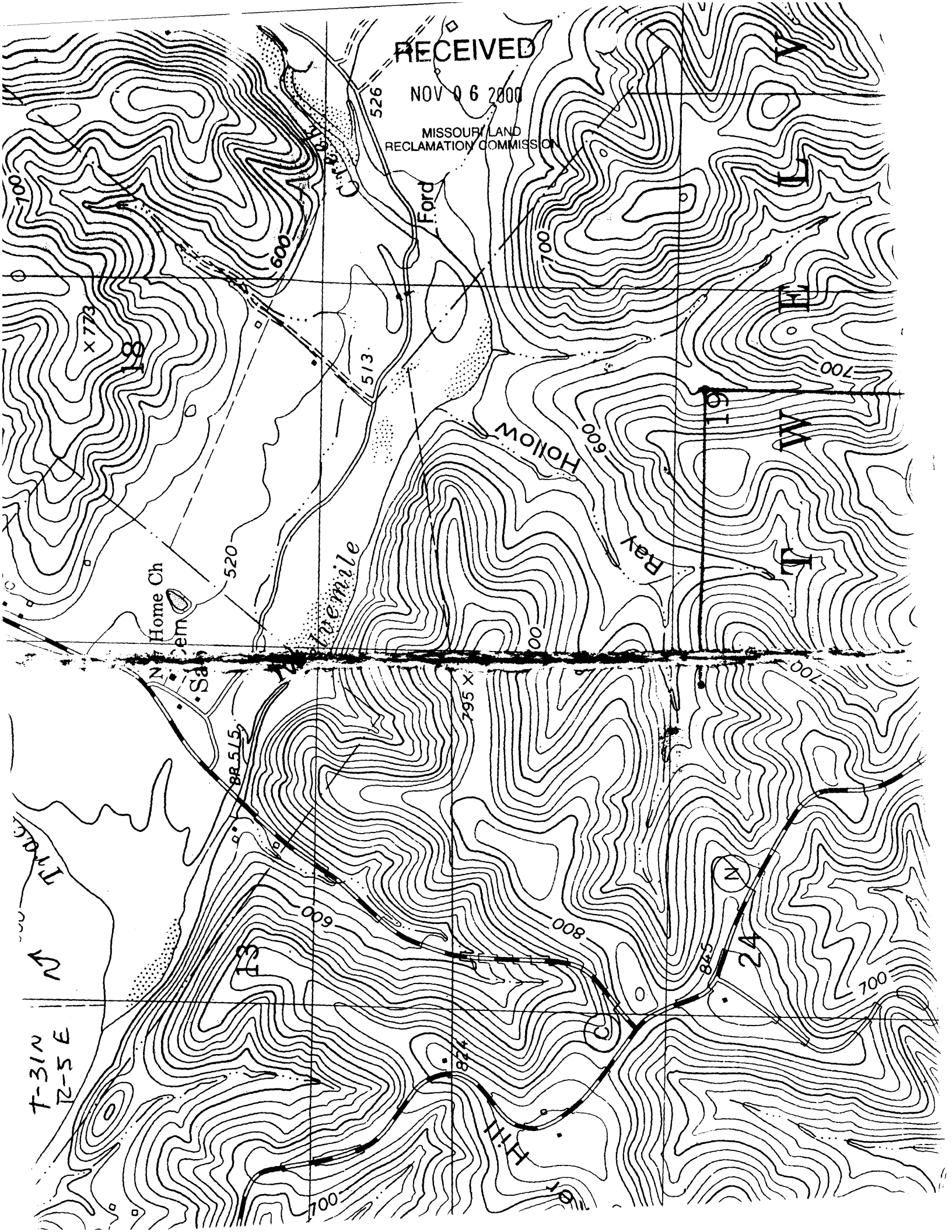
**WAYNE COUNTY**

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MISSOURI LAND  
RECLAMATION COMMISSION







MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION  
SITE INFORMATION FORM

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MISSOURI LAND  
RECLAMATION COMMISSION

MISSOURI LAND

To be completed for each separate area of disturbance associated with mining operations.

SITE NAME OR NUMBER <b>SHELLEY CREEK BAR #1</b>		PERMIT NUMBER <b>0864</b>	
COMPANY NAME <b>MADISON COUNTY WOOD PRODUCTS INC.</b>			
COUNTY <b>MADISON</b>	1/4 SECTION <b>SOUTH EAST</b>	SECTION <b>2</b>	
OWNSHIP <b>31 N</b>	RANGE <b>7 E</b>	ACRES <b>1</b>	
RIVER OR STREAM NAME (FOR IN-STREAM ACRES) <b>SHELLEY CREEK</b>			
MINERAL COMMODITY <b>SAND &amp; GRAVEL</b>		ESTIMATED TONS/YEAR (FOR GRAVEL SITES) <b>LESS THAN 5000</b>	

NAME OF LANDOWNER (ATTACH LIST IF MORE THAN ONE) <b>RONALD GAMBLIN</b>		
ADDRESS <b>1321 MADISON 310</b>		
CITY <b>FREDERICK TOWN</b>	STATE <b>MO</b>	ZIP CODE <b>63645</b>
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): <input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT <b>2-16-01</b>

MINERAL RIGHTS OWNER (ATTACH LIST IF MORE THAN ONE) <b>SAME</b>		
ADDRESS		
CITY	STATE	ZIP CODE
SOURCE OF RIGHT TO MINE (CHECK ONE): <input type="checkbox"/> MINERAL DEED <input type="checkbox"/> WARRANTY DEED <input type="checkbox"/> OTHER (DESCRIBE): <input type="checkbox"/> LEASE <input checked="" type="checkbox"/> VERBAL AGREEMENT		DATE OF AGREEMENT

NOTE: Each site must be shown on a map and be included in a public notice and an approved mine plan.

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FEB 26 2001

MISSOURI LAND  
RECLAMATION COMMISSION

MISSOURI LAND

MISSOURI DEPARTMENT OF NATURAL RESOURCES  
LAND RECLAMATION COMMISSION

## STREAM PROTECTION PLAN - 10 CSR 40-10.020(2)(D)3

(Required for in-stream sites, or as required by the Director)

TYPE OF PLAN  
(CHECK ONE):☐ SHORT TERM, FOR ONE PERMIT YEAR☒ LONG TERM, FOR PERIOD THROUGH DATE: 2025

Company Name:

MADISON COUNTY CANYON  
PRODUCTS INC.

DESCRIPTION OF STREAM CONDITION PRIOR TO LAND RECLAMATION COMMISSION PERMITTING (BY APPLICANT OR PRIOR OPERATOR), INCLUDING BANK CONDITION, BANK VEGETATION AND WATER QUALITY.

THE AREA TO BE MINED INVOLVES 300 FEET ALONG A STRECH OF SHELLEY CREEK WEST OF MADISON COUNTY ROAD 310. THIS STRECH OF CREEK IS BORDERED BY BOTTOM LAND TIMBER. THE BANKS ARE FAIRLY WELL VEGETATED IN MOST PLACES BUT SHEAR & RAW IN SOME AREAS. WATER QUALITY IS GOOD. COUNTY ROAD DISTRICTS & OTHERS HAVE BEEN MINING THIS SITE FOR MANY YEARS

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM BANKS, SUCH AS PROTECTING BANK VEGETATION, IF APPLICABLE.

EXCAVATIONS BETWEEN THE STREAM BANKS WILL BE MANAGED SUCH THAT WATER FLOW IS NOT REDIRECTED TOWARDS THE STREAM BANKS. A TEN FOOT WIDTH OF GRAVEL WILL BE LEFT UNDISTURBED BETWEEN THE OPERATION AND STREAM BANK VEGETATION.

DESCRIBE METHODS USED TO REDUCE DAMAGE TO STREAM ENVIRONMENTS, SUCH AS KEEPING ACTIVE MINING OPERATIONS ON GRAVEL BARS, RATHER THAN IN FLOWING WATER, AND KEEPING HAUL ROADS AWAY FROM FLOWING WATER, IF APPLICABLE.

GRAVEL REMOVAL WILL BE RESTRICTED TO THE EXPOSED PORTIONS OF GRAVEL (GRAVEL BARS). WE WILL SHAVE THE TOPS OF THE GRAVEL BARS TO A DEPTH NO DEEPER THAN THE NORMAL WATER LEVEL. THIS WILL AVOID CAUSING EROSION OF THE STREAM BANK AND CHANNEL AT THE MINING SITE AND UPSTREAM.

APR 02 2001

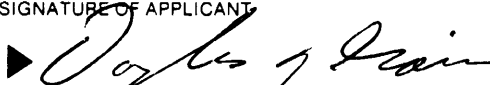
DESCRIBE METHODS USED TO PROTECT WATER QUALITY, SUCH AS INSTALLING EROSION CONTROL DEVICES, IF APPLICABLE.

MISSOURI LAND  
RECLAMATION COMMISSION

GRAVEL REMOVAL WILL BE RESTRICTED TO PERIODS OF LOW FLOW. A TEN FOOT STRIP OF GRAVEL WILL BE LEFT UNDISTURBED BETWEEN THE EXCAVATION AND THE STREAMSIDE VEGETATION. A BUFFER STRIP WILL ALSO BE LEFT BETWEEN THE EXCAVATION AND THE FLOWING PORTION OF THE STREAM.


By my signature, I attest to the following:


- 1) All statements made on this Mine Plan Form are correct, complete, and true, to the best of my knowledge.
- 2) I or the company I am authorized to represent intend(s) to mine in accordance with this Plan, and in accordance with the Missouri Land Reclamation Act, Sections 444.760 through 444.789, RSMo (Supp. 1990), and all rules, regulations, orders, decisions and permits of the Missouri Land Reclamation Commission pertaining to my company's surface mining operations.
- 3) I have a valid agreement with all landowners which gives me the right to grant access to the Director of the Missouri Land Reclamation Commission and his authorized representatives, and I grant such access, and further where I have no right to grant such access, I have attached signed affidavits from the landowners granting such access.

SIGNATURE OF APPLICANT 	TITLE V.P.	DATE 3/28/01
--	---------------	-----------------

Appeared before me this 28<sup>th</sup> day of March, 19 2001.

Douglas J. GAINES to me personally known, who executed the above as their free acts and deeds.

NOTARY PUBLIC EMBOSSEY SEAL	STATE OF <u>MISSOURI</u>	COUNTY (OR CITY OF ST. LOUIS) <u>MADISON</u>
	SUBSCRIBED AND SWORN BEFORE ME, THIS <u>28<sup>th</sup></u> DAY OF <u>March</u> <u>2001</u>	
	USE RUBBER STAMP IN CLEAR AREA BELOW.	
	NOTARY PUBLIC SIGNATURE 	MY COMMISSION EXPIRES <u>02/08/2003</u>
	NOTARY PUBLIC NAME (TYPED OR PRINTED) <u>JACQUELINE C. GAINES</u>	
JACQUELINE C. GAINES Notary Public - State of Missouri County of Madison My Commission Expires 02/08/2003		

APPROVED BY (DIRECTOR'S REPRESENTATIVE) 	TITLE LRSI	DATE APPROVED 4/9/01
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MISSOURI LAND  
RECLAMATION COMMISSION

Attach the following documents to the Stream Protection Plan Form:

- A. Two copies of a map such that the mine can be located, and distinguished from other mines in the area.
- B. Two copies of a more detailed map, prepared on an original or clearly copied USGS 7-1/2 minute topographical map, county assessor map, A.S.C.S. aerial photo, up-to-date county plat, or a different base map with a scale of one inch to six hundred sixty feet (1" = 660') or larger.
  1. At minimum, the detailed map must show the following:
    - a. ownership boundaries, and names of owners of surface and subsurface rights to land within and contiguous to the permit area.
    - b. boundaries and acreage of each permitted site, and of the area to be affected over the term of the mine plan.
    - c. creeks or streams within the proposed permit area.
    - d. date of map preparation, preparer's name and title, north arrow, scale, and section, township and range lines.
  2. The following may be required for clarification:
    - a. abandoned surface mines.
    - b. locations of erosion and sediment control devices.
    - c. structures, and natural or cultural features to be protected.

MAP DRAWN 2/21/01  
BY DOUGLAS GAINES



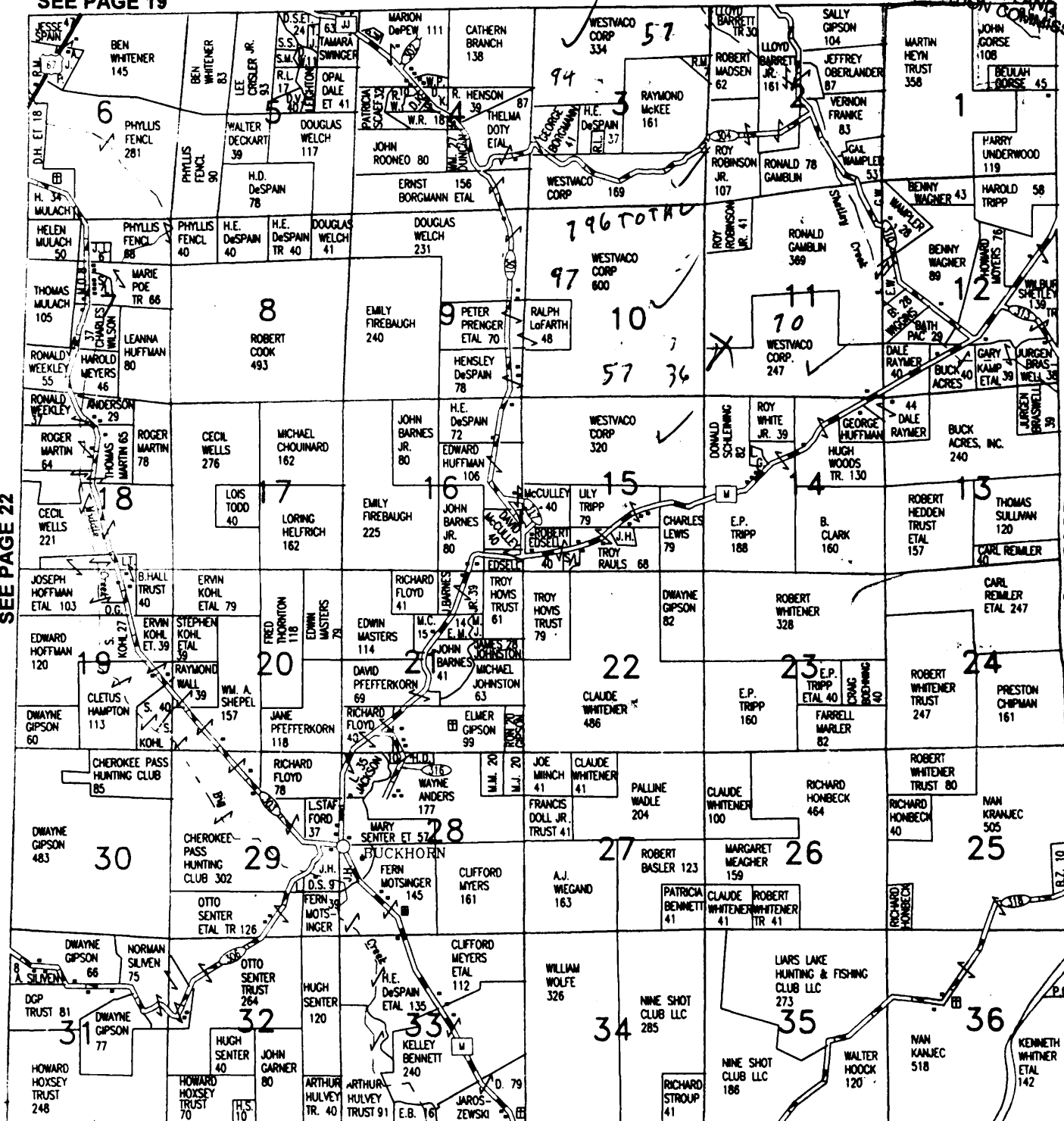
**Perryville**  
**547-7653**

TYPE 1  
FORM 3  
MON 8

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**SEE PAGE 22**



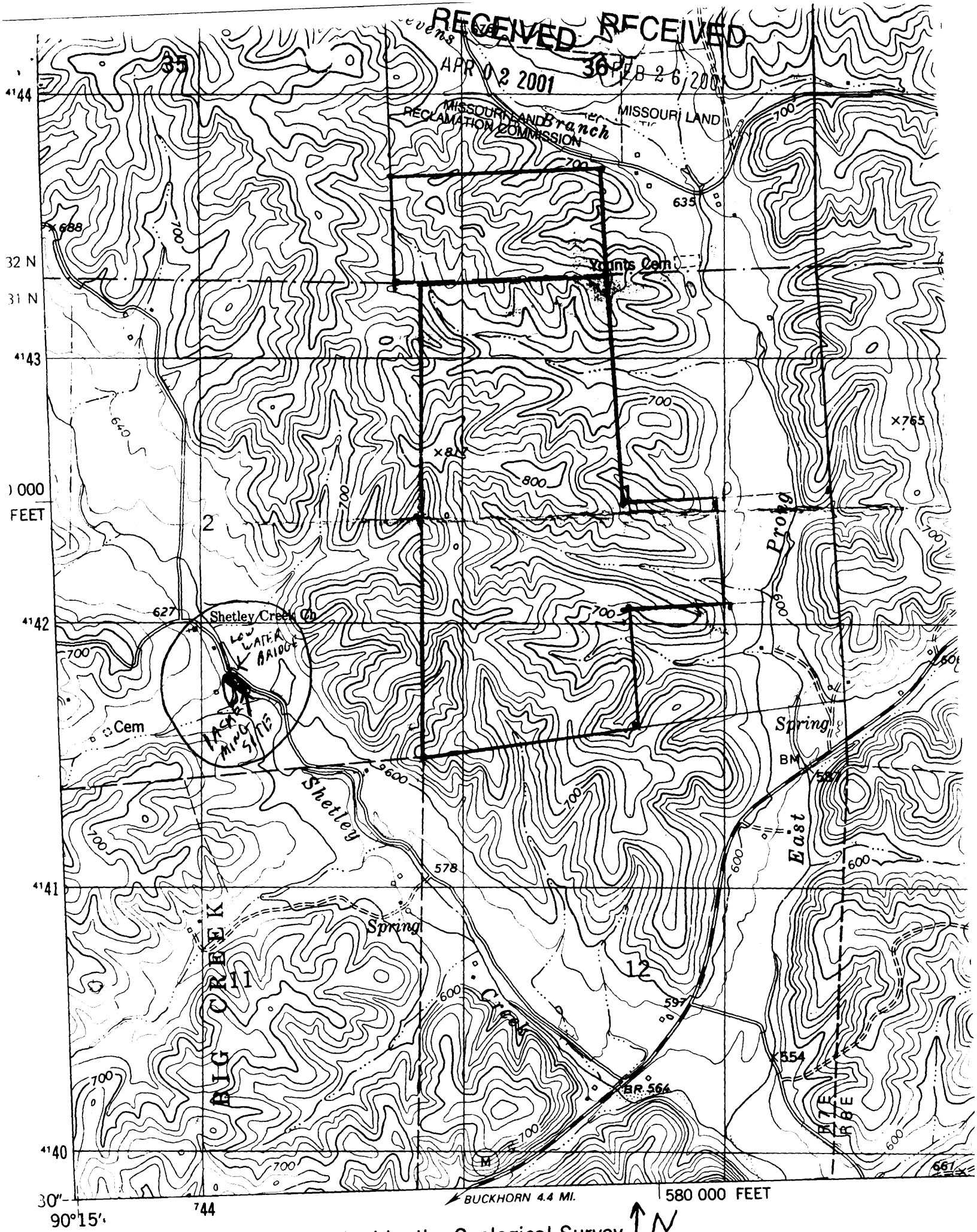
SEE PAGE 24

**WAYNE COUNTY**

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Mapped, edited, and published by the Geological Survey

